

S/015/0098
cc: Wayne
Task: 5233
5362



United Minerals, LLC
174 East 400 South
Emery, Utah, USA 84522
(435) 286-2460

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MAR 18 2013

DIV. OF OIL, GAS & MINING

March 8, 2013

Paul B. Baker

State of Utah

Department of Natural Resources

Division of Oil Gas and Mining

Re: United Minerals, LLC, TRC Mine S0150098, Emery County, Utah

Subject: Reply to Letter from Paul Baker, Letter dated January 23, 2013, Division Directive

Dear, Mr. Baker:

In response to your letter dated January 23, 2013 we have provided the following information:

- A General Vicinity Map
- Permit Boundary Map
- Revised Page 3,5 of form MR-SMO
- Form MR-REV-SMO

This supplemental information should fulfill your request. If you should find that you have questions please contact John L. Byars by phone at 435-286-2460 or by email at john@unitedmineralsllc.com.

Sincerely,

John L. Byars

Attachments: Form MR-REV-SMO/EXP. - REPLACEMENT PAGES 3 and 5 :Form MR-SMO -Drawings Sheet1,2.

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DIV. OF OIL, GAS & MINING

Form MR-REV-SMO (DOGM - Revise/Amend Change Form)
(Revised November 21, 2006)

Application to Revise a Notice of Intention to Commence Small Mining Operations or Exploration

Operator: <u>United Minerals, LLC</u>			
Mine Name: <u>TRC Mine</u>		File Number: E or M/ <u>SD150098</u>	
Provide a detailed listing of all changes to the Notice that will be required as a result of this change. Individually list all maps and drawings that are to be added, replaced, or removed from the Notice. Include page, section and drawing numbers as part of the description.			
DETAILED SCHEDULE OF CHANGES TO THE NOTICE			
			Description of map, text, or materials to be changed
ADD	<u>REPLACE</u>	REMOVE	Page 3 Form MR-SMO
ADD	<u>REPLACE</u>	REMOVE	Page 5 Form MR-SMO
ADD	<u>REPLACE</u>	REMOVE	Mine Vicinity Map Date 2-7-13 Sheet 1
<u>ADD</u>	REPLACE	REMOVE	Permit Boundary Map Date 3-6-13 Sheet 2
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	
ADD	REPLACE	REMOVE	

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments and obligations, herein.

John D. Byers
Print Name

J. D. Byers, Engineer
Sign Name, Position

3-8-13
Date

Return to:

State of Utah
Division of Oil, Gas and Mining
Attn: Minerals Regulatory Program
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Phone: (801) 538-5291 Fax: (801) 359-3940

P:\GROUPS\MINERALS\WP\FORMS\notices\Final\revision_SMO_EXP.doc

FOR DOGM USE ONLY:

File #: M/ /

Approved: _____

Bond Adjustment: from (\$)
to \$ _____

preferred. The areas to be disturbed should be plotted in sufficient detail so that they can be located on the ground. It is recommended that the operator also plot and label any pre-existing disturbances in the immediate vicinity that he is not responsible for.

III. OPERATION PLAN (Rule R647-3-106)

1. Type of mining: Surface ☒ Underground ☒
 2. Mineral(s) to be mined: HUMIC SHALE
 3. Provide a brief description of the proposed mining operation and onsite processing facilities: ROOM & PILLAR MINING
- ☒ New Road(s): Length 565' (ft) Width 16' (ft)
- ☐ Improved Road(s): Length _____ (ft) Width _____ (ft)
- Total project surface acreage to be disturbed: 0.38 (acres)
- Proposed startup date of project (month, year) MARCH 15 TH
- Proposed completion date of project, if known (month, year) N/A

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining:

1. Keep the mining operation in a safe, clean, and environmentally stable condition.
2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
5. Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.
6. Remove all waste or debris from stream channels.
7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
8. Conduct mining activities so as to minimize erosion and control sediment.

6. ■ New Road(s): Length N/A (ft) Width _____ (ft)

7. ■ Improved Road(s): Provide a description of the improvements that need to be made to existing roads to access the site, including the Length N/A (ft) and Width _____ (ft) of improvements.

8. Total project surface acreage to be disturbed: 0.38 (acres) PLEASE SPECIFY EXACT ACREAGE - (this will be used to determine surety bond amount - see #VI).

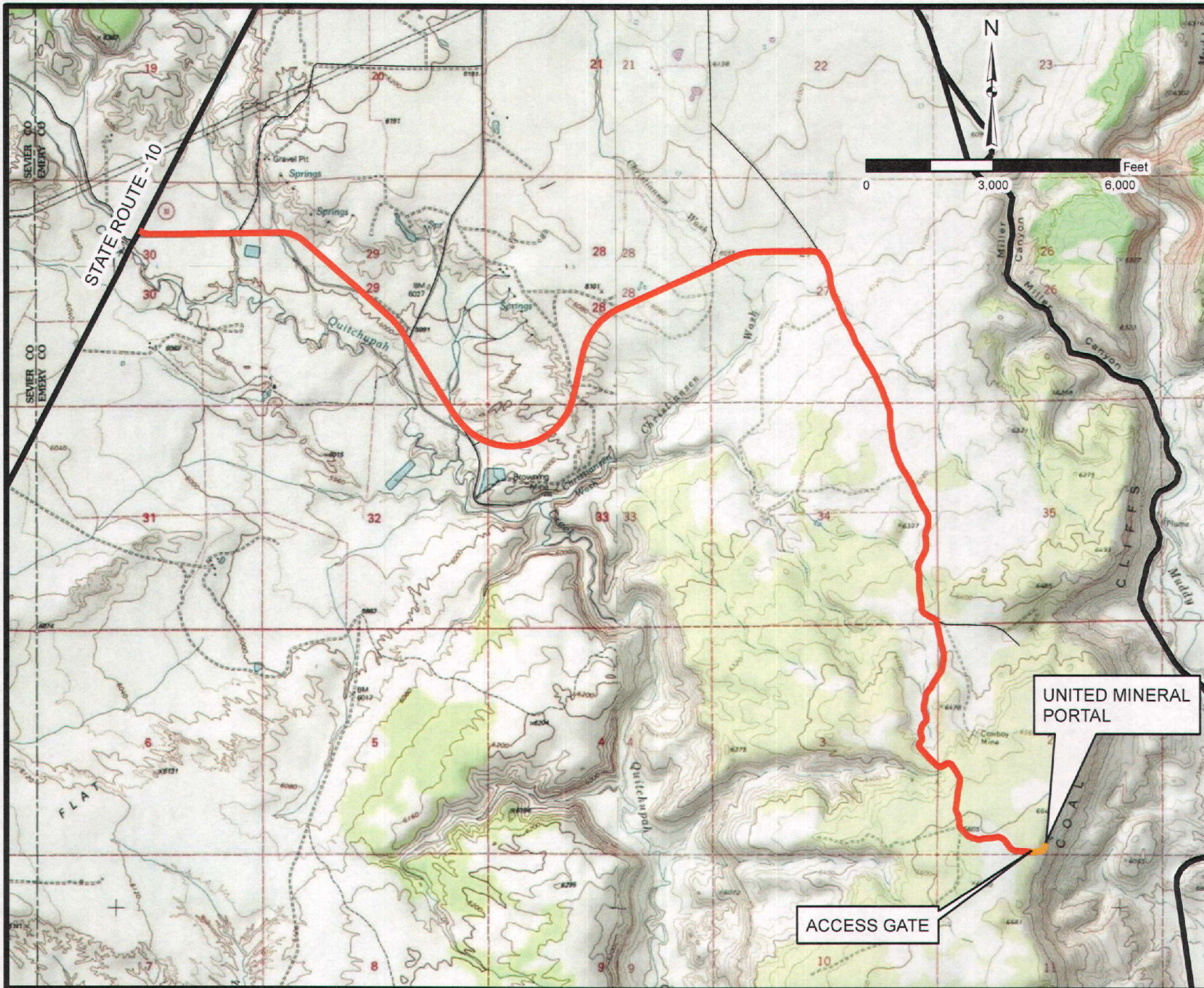
9. Proposed startup date (month, year) SEPTEMBER 2008

10. Proposed completion date, if known (month, year) UNKNOWN

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the Permittee / Operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining. Please refer to The Practical Guide to Reclamation In Utah, available at www.ogm.utah.gov.

1. Keep the mining operation in a safe, clean, and environmentally stable condition.
2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
5. Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.
6. Remove all waste or debris from stream channels.
7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
8. Conduct mining activities so as to minimize erosion and control sediment.
9. Reclaim all roads that are not part of a permanent transportation system.
10. Stockpile topsoil and suitable overburden prior to mining.
11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
12. Properly prepare seedbed to a depth of six inches by pocking, ripping, discing, or harrowing. Leave the surface rough.
13. Reseed disturbed areas with adaptable species. (The Division recommends a mixture of species of grass, forb, and browse seed, and will provide a specific species list if requested.)
14. Plant the seed with a rangefand or farm drill, or broadcast the seed. Fall is the preferred time to seed.



UNITED MINERALS, LLC

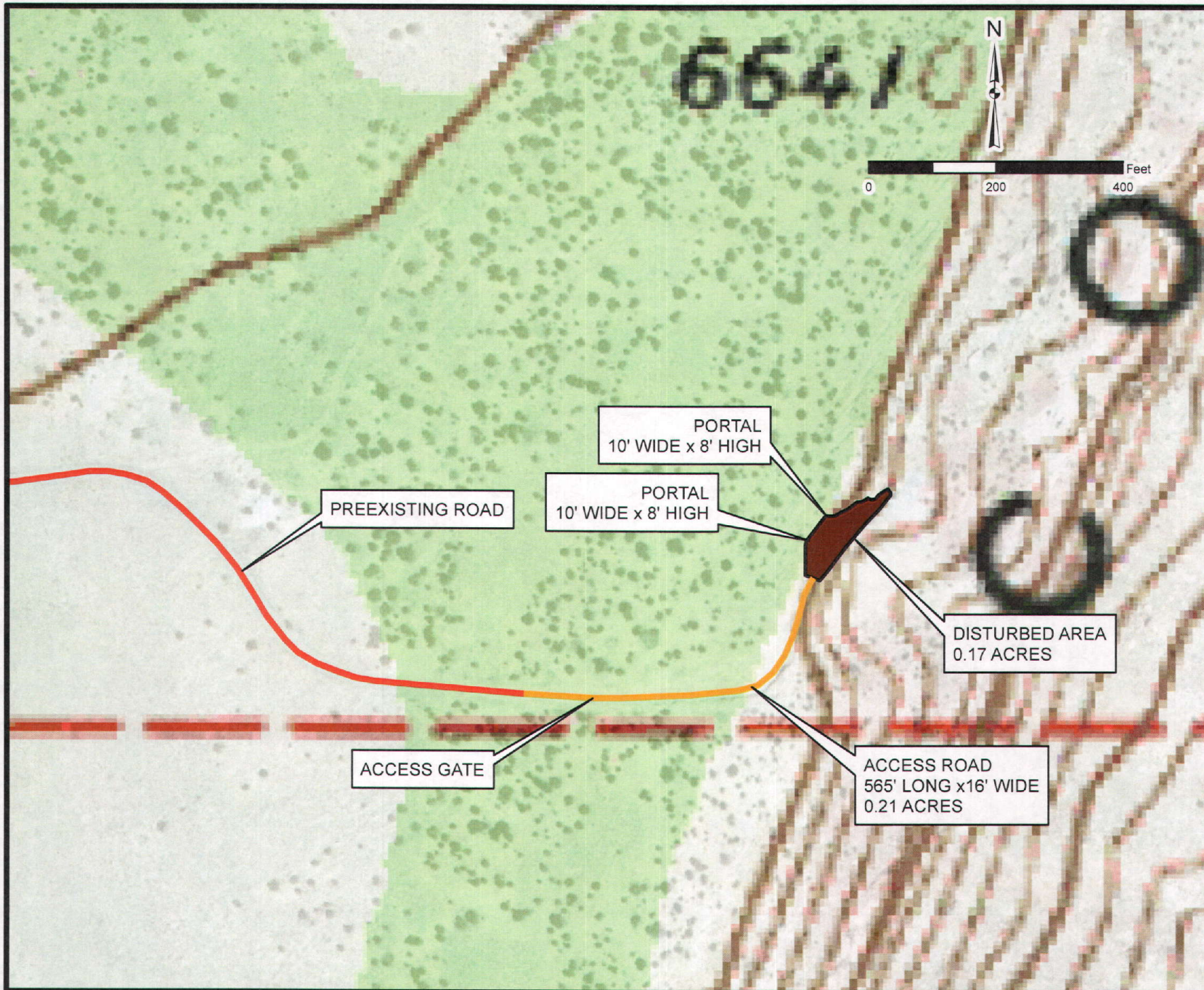
MINE VICINITY MAP

SR-10 TO THE MINE

FILE NAME: J:\GIS\PRIVATE\UNITED MINERALS\MAPS\VICINITY.mxd

SCALE: 1" = 3,000'
 DATE: 2/27/2013
 DRAWN BY: T.R.B.
 CHECKED BY: J.B.
 ENGINEER: J.B.
 PROJ: .

SHEET NO:



UNITED MINERALS, LLC

PERMIT BOUNDARY

DISTURBED AREA

FILE NAME: I:\GIS\PRIVATE\UNITED MINERALS\SWAPS\PERMIT.mxd

SCALE: 1" = 200'
 DATE: 3/6/2013
 DRAWN BY: T.R.B.
 CHECKED BY: J.B.
 ENGINEER: J.B.
 PROJ: .

SHEET NO.

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